

21.5" 24" CF17 i7 i5 i3

Front IP66/67 Silver Aluminum Touch IPC

Features

Intel® 13th Gen Raptor Lake-P Embedded/Industrial SKU Series
DDR5 5200 MHz SODIMM Slot up to 32GB
Front IP66/67 aluminum Touch IPC
5 Wires Resistive (Single touch) / True Flat PCT
VESA mount / Panel mount / Clip mount
Quadruple independent displays: 4HDMI, 1 LVDS/eDP
Wide Voltage DC-IN 12~24V



Specifications

Display for 16:9 Ratio			
Size	21.5" TFT	24" TFT	
Resolution	1920*1080	1920*1080	
Colors	16.7M	16.7M	
Luminance	250 cd/m2	250 cd/m2	
Contrast Ratio	3000 : 1	1000 : 1	
View Angle	176°/176°	170°/160°	
Model NO.	TP215R120S TP215R121S TP215R122S TP215R123S	TP240R120S TP240R121S TP240R122S TP240R123S	
SYSTEM			
CPU	Intel® Mobile 13th Core™ i7-1365UE(120)/i5-1345UE(121)/i5-1335UE(122)/i3-1315UE(123) , 28W		
Memory	Single-channel DDR5 5200 MHz Up to 32 GB		
Storage	1 x SATA 3.0		
OS Support	Windows 10 IoT Enterprise 2021 LTSC (64-bit, 21H2)		
	Windows 11 IoT Enterprise (64-bit, 23H2, Pre-scan)		
	Linux (Support by request)		
I/O Ports		* The I/O interface shown may vary depending on the selected motherboard.	
RS232	2	GLAN	4
HDMI	4	USB 3.2 Gen 2	4
Expansion Slot			
M.2	1 x M.2 M key (PCIe Gen4 x4 NVMe), 2280		
	1 x M.2 B key (PCIe x1, USB 2.0, w/NANO SIM-Holder), 2242/3042		
	1 x M.2 E key (PCIe x1, USB 2.0, w/CNVi), 2230		
MECHANICAL & ENVIRONMENTAL			
Operation	0 ~ 45°C		
Storage	10 ~ 90%, non-condensing		
Form Factor			
Touch Screen	15" / 17" / 19" : PCT / 5W (Single touch)		
	15" / 15.6" / 17" / 19" / 21.5" / 24" : Projected Capacitive Multi-Touch Panel		
Mounting	VESA mount (100x100mm) & Panel mount & Clip mount		
Power Supply	DC-in 12~24V 3P Power terminal block		
WIFI Optional	External Antenna (Wi-Fi): Supports M.2 Wi-Fi module with external antenna connection for enhanced signal performance		

